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PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/666,176
Filing Date	September 19, 2003
First Named Inventor	Alexander A. Betin
Art Unit	2828
Examiner Name	Minsun Oh Harvey
Attorney Docket Number	PD-03W101

ENCLOSURES (Check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	RAYTHEON COMPANY		
Signature			
Printed name	JOHN E. GUNTHER		
Date	JUNE 17, 2005	Reg. No.	43,649

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Patent
PD-03W101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Date: June 17, 2005
ALEXANDER A. BETIN)
Serial No.: 10/666,176) Art Unit: 2828
Filed: September 19, 2003)
Title: PHASE CONJUGATE LASER AND) Examiner: Minsun Oh Harvey
METHOD WITH IMPROVED FIDELITY)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313

Dear Sir:

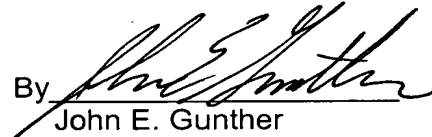
The references cited on the enclosed form PTO/SB/08A may be material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37CFR 1.56.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, or that additional information constitutes prior art.

I hereby certify that each item in the Search Report was cited by a foreign patent office, in a counterpart foreign application, not more than three (3) months prior to the filing of this Statement.

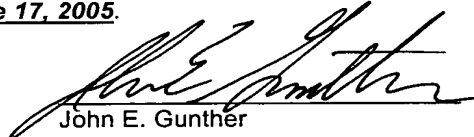
Respectfully submitted,

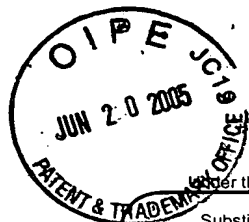
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 01

of 01

Complete if Known

Application Number	10/666,176
Filing Date	September 19, 2003
First Named Inventor	Alexander A. Betin
Art Unit	2828
Examiner Name	Minsun Oh Harvey
Attorney Docket Number	PD-03W101

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,493,085	01-08-1985	Valley et al.	
		US- 4,802,176	01-31-1989	O'Meara et al.	
		US- 6,700,698	03-02-2004	Scott	
		US- 4,944,591	07-31-1990	McMichael et al.	
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FOREIGN PATENT DOCUMENTS

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